

Design and Investigation of Compressors (Cont.)

SOV/2472

rods. The fourth article presents test results and theoretical data for designing two-stage piston vacuum pumps. The last article presents data on designing diffusion-type oil vacuum pumps. No personalities are mentioned. References follow each article.

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AVAILABLE: Library of Congress

GO/gmp
11-24-59

Card 2/2

SEKUNOVA, O.N., inzh.; KOSOLAPOV, A.S., inzh.

New compressor for the manufacture of polyethylene. Khim.mash. no.1:
19-21 Jan '69. (MIRA 12:7)

(Leningrad--Compressors) (Ethylene)

GREYNER, Gans Rolandovich; IL'YASHENKO, Vladimir Pavlovich;
PERVUSHIN, Nikolay Nikolayevich; CHUMAYEVSKIY, Viktor
Alekseyevich; GEYNIKH, G.K., kand.tekhn.nauk,
retsenzent; SEKUNOVA, O.N., nauchn.red.; SINITSIN,
A.I., nauchn.red.; VASIL'YEVA, N.N., red.; FRUMKIN, P.S.,
tekhn. red.

[Automatic control of air pump compressor plants] Avtomati-
zatsiya vozdukhnykh porshnevykh kompressornykh ustanovok.
Moskva, Sudpromgiz, 1963. 147 p. (MIRA 16:8)
(Air compressors) (Automatic control)

NURGEL'DYEV, O.N.; SEKUMOVA, S.A.

New data on the distribution of the mynah *Acridopteres tristis* L.
in Turkmenistan. Izv.AN Turk.SSR no.5:87 '55. (MLBA 9:5)

1. Institut biologii AN Turkmenskoy SSR.
(Turkmenistan--Mynahs)

IOFFE, F.S.; SIKUNOVA, V.N.; KUZNETSOVA, O.K.; TISHKOVETS, A.N.

Dysentery caused by mannite-negative strains of Flexner's IV bacillus.
Zhur.mikrobiol.epid.i immun. no.4:78 Ap '54. (MLRA 7:5)

1. Iz dorozhnoy sanitarno-epidemiologicheskoy stantsii Leningradskoy
zheleznoy dorogi i Leningradskogo instituta vaktsin i syvorotok.
(Dysentery)

SEKUNOVA, V.N.
KUNTSMAN, Ye.S.; SEKUNOVA, V.N.; BYCHKOVA, V.V.

Use of type antigens in making a serological diagnosis of dysentery
in children. Zhur.mikrobiol.oid. i imun., supplement for 1956:15-16
'57 (MIRA 11:3)

1. Iz Leningradskoy detskoy infektsionnoy pol'nitsy imeni Filatova
i Instituta vaktsin i syvorotok.
(DYSENTERY) (ANTIGENS AND ANTIBODIES)

SEKUNOVA, V.H.; BYCHKOVA, V.V.

Antigenic properties of Leningrad dysentery cultures not typed with diagnostic sera. Zhur.mikrobiol.epid. i imun. 28 no.8:42 Ag '57. (MIRA 11:2)

1. Iz 1-go Leningradskogo meditsinskogo instituta imeni I.P.Pavlova i laboratorii Bol'nitsy imeni Filatova.
(DYSENTERY, BACILLARY, microbiology, antigenic properties of culture: not typed with sera isolated in Leningrad (Rus))

SEKUNOVA, V.N.

Peculiarities in the development of the yeast fungus from the family of Schizosaccharomycetaceae. Mikrobiologiya 29 no.2:201-203 Mr-Apr '60. (MIRA 14:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidroliznoy i sul'fitno-spirovoy promyshlennosti (VNIIGS), Leningrad. (YEAST)

SEKUNOVA, V.N.; ABRAMOVICH, M.M.

Method of identifying yeast species of the genus Schizosaccharomycetes.
Mikrobiologiya 29 no.5:770-772 S-O '60. (MIRA 13:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidroliznoy i
sul'fitno-spirovoy promyshlennosti, Leningrad.
(YEAST)

SEKUNOVA, V.N.; ABRAMOVICH, M.M.

Special characteristics of schizosaccharomycete yeasts, and possibilities of introducing them into production. *Gidroliz. i lesokhim.* (MIRA 14:4)
prom. 14 no.3:10-12 '61.

1. Nauchno-issledovatel'skiy institut gidroliznoy i sul'fitno-spirovoy promyshlennosti.
(Yeast)

SEKUNOVA, V.N.; GONCHAROVA, G.I.

Separation of colloidal and coloring substances from the hydrolyzate
and their effect on yeast. *Gidroliz. i lesokhim.prom.* 16 no.8:4-6 '63.
(MIRA 17:1)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut gidroliznoy i
sul'fitno-promyshlennosti.

SEKUNOVA, V.N.; BOLONDZ', G.V.; ANDREYEV, K.P.; ABRAMOVICH, M.M.

Enrichment of fodder yeasts with antibiotics and vitamin B₁₂.
Gidroliz.i lesokhim.prom. 15 no.3:3-5 '62. (MIRA 15:5)

1. Nauchno-issledovatel'skiy institut gidroliznoy i
sul'fitnospirtovoy promyshlennosti.
(Yeast as feeding stuff) (Antibiotics) (Cyanocobalamin)

SEKUNOVA, Ye.M.

Lower Paleogene deposits in the northern part of the Aral
Sea region. Dokl. AN SSSR 142 no.6:1378-1380 F '62.
(MIRA 15:2)

1. Institut geologicheskikh nauk AN KazSSR. Predstavleno
akademikom K.I.Satpayevym.

(Aral Sea Region--Geology, Stratigraphic)

CHURAWI, T.

Prophylaxis in industry. p. 394.
Vol 3, no. 12, Dec. 1955. OCHRONA PRACY: BRZPIECZENSTWO I HIGIENA PRACY. Warsaw,
Poland.

So: Eastern European Accession. Vol 5, no. 4, April 1956

SECRET
SECRET, F.

The problem of substituting another solvent for benzene.

p. 11 (Ocena pracy; Leptoczerstwo i Higiena Pracy. Vol. 10, no. 6, June 1956.
Warszaw, Poland)

Monthly Index of East European Accessions (EMAI) 10. Vol. 7, no. 2,
February 1958

SEKURLOKI, F.

American Conference on Industrial Medicine in Atlantic City. P. 29

OCHRONA PRACY. (Centralna Rada Związkow Zawodowych i Centralny Instytut
Ochrony Pracy). Warszawa, Poland. Vol. 13, no. 9, Sept. 1958

Monthly List of European Accessions (EEAI) LC, Vol. 8, No8 August 1959

Uncl.

SPINACH, F.

Industrial hygiene in using radioactive compounds. p. 1.

OSTROVA HANA. (Centralna Test Enklava i Centralny Instytut
Ochrony Pracy)
Warszawa, Poland
Vol. 11, no. 6, June 1959

Summary list of East European Associations (ZEAI) LC Vol. 2, No. 2
Sept. 1959
Encl.

SEKURACKI, Feliks

Prevention of benzene poisoning in industry. Ochrona pracy 16 no.12:
15-16 '61.

1. Ministerstwo Zdrowia i Opieki Społecznej.

ZACHAREWICZ, Witold; UZAREWICZ, Arkadiusz; SEKUTOWICZ, Bożena

On the action of diborane on trans-verbenol. Rocz chemii 36
no.1:171-172 '62.

1. Katedra Chemii Organicznej, Uniwersytet M.Kopernika, Toruń.

SEKYRA, J.

"Problems Concerning the Recentness of Geologic Structures; Cryopedological Research in the Area of Velka Kopa, 2,035 m Above Sea Level, and Krizne, 2,040 m Above Sea Level, in the High Tatras", P. 21, (VESTNIK, Vol. 29, No. 1, 1954, Praha, Czech.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 3, Mar 1955, Uncl.

SENYRA, J.

Distribution of owls in Czechoslovakia. p. 153.

Vol. 7, 1954
PRACE VYZKUMNYCH USTAVU LESNICKYCH CSR.
Praha, Czechoslovakia

So: Eastern European Accession Vol. 5 No. 1 April 1956

SEKYRA, J.

The development of cryopedology in Czechoslovakia. In English. p. 351.
(BIULETYN PERYGLACJALNY. No. 4, 1956, Poland).

SO: Monthly List of East European Accessions (SEAL) LC, Vol. 6, no. 6, June 1957, Uncl.

SEKYRA, J.

Geomorphology of the southern foot of Kralova Hora (1943 meters); karst area at Sumiace.
p. 193.
(Sbornik, Vol. 61, no. 3, 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 6, June 1957, Uncl.

SEKYRA, J.

GEOGRAPHY & GEOLOGY

Vol. 3, no. 3, 1958.

Sekyra, J. Cryopedological terminology. p. 345.

Monthly Index of East European Accessions (EIAI) LC, Vol. 8, No. 1,
Jan. 1959.

PALKO, Stefan, inz.; JEDLICKA, Josef, inz.; GELUM, Antonin, inz.; VAVRA, Josef, inz.; SEKYRA, Jaroslav, inz.; SINTAK, Josef, inz.

Comments of people's committee agencies on important problems of the water resources management. Vodni hosp 12 no.11:443-455 N '62.

1. Okresni vodohospodarska sprava, Kromeriz (for Sekyra).

REJSKOVA, Marie, MUDr; MANDAUŠOVA, Olga, MUDr; SEKYROVA, Marie, soc. prac.

Result of investigation of a group of women in heavy industry.
Pracovní lek. 6 no. 3:140-149 Je 54.

1. Z kliniky chorob z povolani a hygieny prace, z gynekologickeho
oddeleni FZS v Praze, z Ustavu hygieny prace a chorob z povolani.
(INDUSTRY AND OCCUPATIONS,
*women in heavy indust. in Czech., survey)

JANDA, J.; NOVAKOVA, V.; SEKYROVA, M.

Survey of morbidity and accidents in state industrial schools.
Pracovi lek. 7 no.2(80-86 Apr 55.

1. Ustav hygieny prace a chorob z povolani.

(VITAL STATISTICS,

morbidity in state indust. schools in Czech.)

(ACCIDENTS, statistics,

in Czech., state indust. :chools)

SEKYROVA, Marie

Analysis of the causes for resignations from work by bricklayers.
Pracovni lek. 13 no.6:281-287 Ag '61.

1. Ustav hygieny prace a chorob z povolani v Praze.

(INDUSTRIAL MEDICINE)

SEKYROVA, Marie

Analysis of causes of job quitting by tractor operators. Prac.
lek. 14 no.3:125-130 Ap '62.

1. Ustav hygieny prace a chorob z povolani v Praze, reditel prof.
dr. J. Teisinger, DrSc.
(OCCUPATIONS AND PROFESSIONS) (AGRICULTURE)

CZECHOSLOVAKIA

UDC 312.6:313.12.69:613.644

SEKYROVA, Marie; Institute of Work Hygiene and Occupational Diseases (Ustav Hygieny Prace a Chorob z Povolani), Prague, Director (Reditel) Prof Dr J. TEISINGER.

"Causal Analysis of Fluctuations, Morbidity, and Accident Rate in Building Industry Employees Working with Vibrators."

Prague, Pracovni Lekarstvi, Vol 18, No 2, March 66, pp 60-64

Abstract: [Author's English summary modified]: In 1959 and 1960 the accident rate in concrete-laying workmen in 3 enterprises was investigated. The fluctuations in the numbers of employees were between 23 and 29%, with the exception of one enterprise, where in 1960 they were only 11%. The most frequent cause of the employees leaving were economic and social; the enterprises discharged the workers most frequently because of lack of discipline, and because of high absenteeism. Health reasons were a rare reason for termination of the employment. Work with vibrators did not influence the morbidity rate. 4 Figures, 4 Tables, 11 Czech references. (Manuscript received 29 Jan 64).

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- 22 -

SEL, Branko

Development of the broad consumption of electric power in the People's Republic of Croatia. Energija Hrv 10 no. 1/2:39-41. '61

SEL B.

Novejsi sposoby lecení anurii. /New method in the treatment
of anuria. Lek. listy 6:12 15 June 51 p. 363-6.

1. Of the Second Internal Clinic of Masaryk University, Brno
(Head--Prof. J. Polcak).
CLML Vol. 20, No. 10 Oct 1951

SEL F. II. chir. Klin. Masarykovy Univ., Brno. Prispěvek k otázce hypersplenismu
Hypersplenism Lek. Listy 1953, 1/11 (247-250)
Two cases of hypersplenism confirmed by adrenaline tests are described. In one
case splenectomy was carried out, which led to complete recovery. Peter - Brno

SO: EXCERPTA MEDICA, Vol. 6, No. 2, Section VI, February 1954

SEL, B.; DVORAK, R.; STANEK, J.

New impedant plethysmograph. Lek. listy, Brno 9 no.1:1-3 1 Jan 1954.
(CLML 25:5)

1. Of the Second Internal Clinic (Head--Prof. J. Polcak, M.D.) and
of the Institute of Physiology (Head--Prof. V. Kruta, M.D.), Masaryk
University, Brno.

CZECHOSLOVAKIA/Human and Animal Physiology - Metabolism.

T-2

Abs Jour : Ref Zhur - Biol., No 7, 1958, 31437

Author : ~~Sel Bohumil~~, Dvorak Rostislav, Harasek Eduard

Inst : -

Title : Saturation of an Organism With Vitamin C and Diuresis.

Orig Pub : Vnitrni lekarstvi, 1957, 3, No 8, 735-739.

Abstract : The administration to ill people of Tselaskon (I; tablet form of vitamin C) with a calculation of 100 mg 3 times a day was insufficient for the saturation of the organism (especially in the winter months). A daily dose of 1 g of I led to rapid saturation of C and a strong excretion of C with urine. In patients without edema, the saturation of C did not provoke an increase of diuresis. Data were cited on the content of l-ascorbic acid in I; under the action of air, the content of C in I is decreased.

Card 1/1

SEL, B.

CZECHOSLOVAKIA / Pharmacology, Toxicology.. Cardio-vascular Drugs.

V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42400.

Author : ~~Sel. B.~~ Mocek, J.; Orel, J.
Inst : Not Given.
Title : Bigeminy Caused by Reserpine.

Orig Pub: Vnitztzi lekarstvi, 1957, 3, No 8, 740-744.

Abstract: A hypertensive patient was given 0.1 mg doses of reserpine (I) 3 times daily. Within 12 days after the beginning of the drug the patient reported to the clinic in an excited state, complaining of shortness of breath, a sensation of heart standstill and a tendency to fainting for the past few days. The ECG revealed bigeminy, caused by ventricular extra-systolies. One week after discontinuation of I the bigeminy ceased, but within 5 days

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CZECHOSLOVAKIA / Pharmacology, Toxicology. Cardio-vascular Drugs.

V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42400.

Abstract: after reinstitution of I in identical doses the patient returned with dyspnea, depression and insomnia. A transient trigeminy was noted. Following the second cessation of the medication with I, the extrasystolies disappeared on the seventh day, but bradycardia persisted. Similar complications were noted in other cases. It is the authors' opinion that I resembles, in its action, cardiac glycosides and they suggest the possibility of a cumulative I effect upon the heart muscle. -- I. A. Frolova.

Card 2/2

POLCAK, Jiri; SEL, Bohumil

Glycoproteins & the activity of rheumatic disease. Cas. lek. cesk. 97
no.15-16:497-500 18 Apr 58.

1. II vnitřní klinika MU v Brně a Laborator patofysiologie krevního oběhu
prednosta prof. Jiri Polcak.

(ARTHRITIS, RHEUMATOID, blood in
glycoproteins, relation to activity of dis. (Cz))

(BLOOD PROTEINS, in various dis.
rheum. arthritis, relation to activity of dis. (Cz))

CZECHOSLOVAKIA

SEL, B., of the II. Internal Clinic (II. vnitřní klinika) of Purkyně Faculty of Medicine (lékarská fakulta Purkyně), Brno; Head: Prof Dr J. POLČÁK.

"Veralest I, a New Czechoslovak Hypotensive Preparation. I. "

Prague, Casopis Lékarů Ceských, Vol 102, No 4, 25 Jan 63, pp 92-96

Abstract [Author's English summary]: At the Second Medical Clinic of the J. E. Purkyně Medical Faculty in Brno the hypotensive activity and the influence on the peripheral blood supply and pulse rate of a new Czechoslovak veratrine intravenous preparation, Veralest I, was tested. The amount used, i.e. 0.1-0.4 mg of a mixture of ester alkaloids reliably reduced the blood pressure of hypertonic subjects and caused peripheral vasodilatation and bradycardia. The author draws attention to the cardiotoxic activity of veratrum, which may cause undesirable symptoms in digitalized patients. [15 references, predominantly German].

1/1

SEL, B.

Veralest I, a new Czechoslovakian hypotensive preparation. Clinical studies. I. Cas. lek. cesk. 102 no.4:92-96 26 Ja '63.

1. II. vnitřní klinika lékařské fakulty JEvP v Brně, přednosta prof. dr. J. Polcák.

(ANTIHYPERTENSIVE AGENTS)

(VERATRU4)

(ALKALOIDS)

CZECHOSLOVAKIA

B. SEL, Second Internal Medical Clinic, Medical Faculty of J.Ev.Purkyne University (II. vnitřní klinika lékařské fakulty UJEP (Universita J. Ev. Purkyne) Head (prednosta) Prof Dr J. POLGAK, Brno.

"Veraleen I, A New Czechoslovak Antihypertensive Preparation. Part 2."

Prague, Casopis Lekaru Ceskych, Vol 102, No 6, 8 Feb 65; pp 160-163.

Abstract [English summary modified] : Study of 25 hospitalized hypertensive patients treated with this new preparation [crude mixture of Veratrum album alkaloids?]: good results, high effectiveness and relative freedom of major side effects, with adequate therapeutic margin. Two graphs, 2 tables; 3 Czech (1 thesis, 1 unpublished) and 9 Western references.

1/1

SEL, B.

Veralest I, a new Czechoslovakian hypotensive preparation. Clinical study. II. Cas. lek. cesk. 102 no.6:160-163 8 F '63.

1. II. vnitřní klinika lékařské UJEP v Brně, přednosta prof. dr. J. Polcák.

(ANTIHYPERTENSIVE AGENTS) (VERATRUM) (ALKALOIDS)

CECAVA, J.; MACEK, J.; SEL, B.

Tooth extraction in hypertensive patients. Cesk. stomat. 65
no.5:339-345 S '65.

1. II. stomatologicka klinika (prednosta prof. dr. J. Svejda, DrSc.)
a II. interni klinika (prednosta prof. dr. J. Polcak) lekarske fakulty
University J.E. Purkyne v Brne.

SEL, Jovan I., vanredni profesor, honorarni naucni saradnik

The temperature field in fluids. Zbornik rad Mas inst SAN no.70:
255-268 '61.

1. Univerzitet u Beogradu i Masinski institut Srpske akademije nauka
i umetnosti.

(Fluid dynamics) (Temperature)

1. SEL', V. G.
2. USSR (600)
4. Shingles
7. Variant of the shake-type roof. stroi. 2 no. 1, 1947.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

SELACHNIK, L.I.

Thresholds of nociceptive mechanical stimulations of some intestinal
segments in dogs. Vestsi AN BSSR. Ser. biial. nav. no. 3:79-86 161.
(MIRA 14:10)

(INTESTINES)

(PAIN)

SOLOD'NIK, V.N.; SACHENIN, I.Ya.

Film on safety engineering in geological prospecting. Revved.
1 ckn. near. 30 no.6:62 30 1-4. (TMA 17:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metodiki i
tekhniki razvodka Gosudarstvennogo geologicheskogo komiteta
SSSR.

OBRAIOV, S., doc. dr.; DJUGUMOVIC, Z., dr.; TOMIC, S., doc. dr.; SELAK, I.,
dr.; CUSTOVIC, K., dr.

Cushing's syndrome in a rheumatoid arthritis patient following
prolonged corticotherapy. Med. Glas. 18 no.11:364-366 N '64

1. Interna klinika (I) Medicinskog fakulteta u Sarajevu (Sef:
prof. dr. B. Zimonjic); Institut za patolosku anatomiju Medi-
cinskog fakulteta u Sarajevu (Sef: doc. dr. A. Nikulin).

SELAN, Alojz (Polzela)

Practical experiences in the field of education in the Polzela Hosiery
Factory. Produktivnost 3 no.7/8:543-548 Ag '61.

LUCAR, Jakob, ing. (Zagreb); SELANEC, Zdenko, ing. (Zagreb)

Selection of best fuels in thermoelectric power plant in Zagreb. Energija
Hrv 10 no. 9/10:312-315 '61.

1. Institut za elektroprivredu, Zagreb, Proleterskih brigada 37.

REF ID: A68114, C.

RUMANIA/Pharmacology and Toxicology - Toxicology.

7-10

Abs Jour : Ref Zhur - Biol., No 14, 1950, 66464

Author : Solaris, C., Mihaescu, S.

Inst : Rumanian Academy.

Title : The Activity of Phosphatases and Cholinesterase in the
Blood Serum of Dogs During Chronic Lead Nitrate Poisoning.

Orig Pub : Comm. Acad. RPR, 1957, 7, No 1, 45-49.

Abstract : Dogs were injected with 6-10 mg of lead nitrate intravenously every 5-6 days for 2-3 months. Alterations in the acid and alkaline phosphatase activity appeared soon after the first injection and reached a maximum on the 4th day. The effect of the lead on the serum phosphatase activity is explained by its action on calcium metabolism in the bones. During the experiment no changes in the cholinesterase activity were noticed. -- E.M. Sheynbaum.

Card 1/1

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SELARIU, C.; MIHAESCU, S.

A comparative study of the soluble proteins in the mitochondria of the brain and liver in rats. Studii cerc biochimie 4 no.3:349-355 '61.

1. Institutul de biochimie al Academiei R.P.R., Bucuresti.

+

SCHELL, H.D.; TANASESCU, D.; LUTA-MOLDOVEANU, N.; ARNET, L.; MOTET-GRIGORAS,
D.; SELARIU, C.; COTARIU, D.; BATCU, A.; SANDULESCU, C.;
FILIPESCU, H.; HARALAMBIE, G.; MIHAESCU, S.

General problems; research methods; reviews. Studii cerc biochimie
5 no.4:61-625 '62.

SELANIU, Cecilia; GHETIA, Victor; MIHAESCU, Silvia

Hydrolysis with papain of the γ 2-rabbit fluorescent globulins
and antibodies. Studii cerc biochimie 8 no.1:89-96 '65.

1. Institute of Biochemistry, Romanian Academy, Bucharest.
Submitted October 28, 1964.

SELARIU, C.; MIHAESCU, S.

Distribution of transaminases along the electrophoretic fractions of the soluble proteins in the brain and liver mitochondrias of rats. Studii cerc biochimie 5 no.1:97-102 '62.

1. Institutul de biochimie al Academiei R. P. R., Bucuresti.

LUTA-MOLDOVEANU, N.; ARNET, L.; VASU, S.; FILIPESCU, H.; SELARIU, C.;
FURNICA, M.; MIHAESCU, S.; MOTET-GRIGORAS, D.

General problems; research methods; reviews. Studii cerc
biochimie 6 no.1:126-130 '63.

LUTA-M. LDOVEANU, N.; SELARIU, C.; COTARIU, D.; FURNICA, M.; MIHAESCU, S.;
MOTET-GRIGORAS, D.

Medical biochemistry; reviews. Studii cerc biochimie 6 no.1:
142-146 '63.

X

SFIARIU, Cecilia

Comparative study of the soluble protein antiserums in the mitochondria and cytoplasm of the rat's brain. Studi. cerc. biochimie 7 no.3:425-432 '64.

1. Institute of Biochemistry, Rumanian Academy, Bucharest.
Submitted June 24, 1964.

BRINZEI, P., conf.; SELARU, M., dr.

Data on the reintegration of reflexes after epileptic seizures.
Neurologia (Bucur) 10 no.2:119-122 Mr-Ap'65.

1. Lucrare efectuata in Clinica de psihiatrie, Iasi.

STRAT, C., prof.; LUNGU, I., dr.; DRAGAN, Margareta, dr.;
RUSSU, G., dr.; LUNGU, Eugenia, dr.; SOLOMON, M., dr.;
MARDARE, G., dr.; POPESCU, N., dr.; CIMPOES, C., dr.;
SELARU, M., dr.

The value of ornithine-carbamyl-transferase in hepatic diseases
of viral origin. Med. intern. 15 no.6:673-678 Je '63.

1. Lucrare efectuata in Clinica a II-a medicala, Institutul
de medicina si farmacie, Iasi (director: prof. dr. C. Strat).
(HEPATITIS, INFECTIOUS) (HEPATITIS)
(LIVER CIRRHOSIS) (ENZYME TESTS)
(TRANSFERASES)

SEBASTIU, Mira; ROVENTA, Vasile; MUSTEA, Eugen; RADULESCU, Alexandru

A computation for empirical extrapolation of pressure at
the meteorologic station in Constanta. Hidroteh apele
meteor 9 no.1:40-41 Ja '64.

SELASTOININ, M., inch.

Hotel with two-room units. Zhil. stroi. no.7:22 '65.
(MIRA 18:8)

SELASTEL'NIKOV, A., inzh.

Improved hotbeds. Sil'. bud. 10 no.9:21 S '60.
(MIRA 13:8)
(Hotbeds)

MIKHAYLOVSKIY, V.N.; TSYKHAN, A.I.; SELASTEL'NIKOVA, E.A.

Designing a hydraulic turbotachometer. Avtom.kont. i izm.tekh.
no.5:159-164 '61. (MIRA 14:11)

(Tachometer)

SEIMVRI, A. E.

Gnezdovoi posev duba. (Spot-seeding of oak). Gos. izd. sel'khoz. lit., 1952, 99 p.

SO: Monthly List of Russian Accessions, Vol 6, No..3, June 1953

SELAVRI, A. K.; LITVIN, V. G.

Oak - Sumy District

Growth of oak seedlings in spot-seeded plantations at the Sumy Experiment Station.
Les. i step' 5, No. 2, 1953.

SO: Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

SELAVRI, A.K., starshiy nauchnyy sotrudnik

Methods of applying fertilizers to winter crops. Zemledelie 8
no.8:60-64 Ag. '60. (Mik. 13:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut udobreniy i
agropochvovedeniya.
(Grain--Fertilizers and manures)

SELEVRI, M. K.

Selavri, M. K. "The stability of various types of red clover toward low temperatures", Doklady (Mosk. s.-kh. akad. im. Timiryazeva), Issue 8, 1948 (In index: 1949), p. 60-62.

SO: U-411, 17 July 53, (Letopis' Zhurnal 'nykh Statey, No. 20, 1948).

GORIN, A.P., prof.; DUNIN, M.S.; KONOVALOV, Yu.B.; MITROFANOVA,
K.S.; POLITOVA, I.D.; SAMSONOV, M.P.; SELAVRI, M.K.;
UKOLOV, A.A.; YURTSEV, V.N.; GRACHEVA, V.S., red.;
~~SOKOLOVA, N.N.; tekhn. red.~~

[Manual on field work in the breeding and seed production
of field crops] Rukovodstvo k prakticheskim zaniatiyam po
selektzii i semenovodstvu polevykh kul'tur. [By] A.P.Gorin
i dr. Moskva, Sel'khozizdat, 1963. 574 p.

(MIRA 16:12)

1. Kollektiv prepodavateley kafedry genetiki, selektzii i
semenovodstva polevykh kul'tur Moskovskoy sel'skokhozyay-
stvennoy akademii im. K.A.Timiryazeva (for Gorin, Konovalov,
Mitrofanova, Samsonov, Selavri, Ukolov, Yurtsev). 2. Kafedra
Fitopatologii Moskovskoy sel'skokhozyaystvennoy akademii im.
K.A.Timiryazeva (for Dunin). 3. Kafedra statistik. Moskovskoy
sel'skokhozyaystvennoy akademii im. K.A.Timiryazeva (for
Politova).

(Field crops) (Seed production)

SEIAVRI, T.V.

Effects of strophanthin K and of erysimine on experimental coronary disorders. Farm. i toks 21 no.6:43-49 N-D '58. (MIRA 12:1)

1. Otdel farmkologii (zav. - prof. A.D. Turova) Vsesoyuznogo nauchno-issledovatel'skogo instituta lekarstvennykh i aromatischeskikh rasteniy.

(CORONARY DISEASE, exper.

eff. of erysimine & strophanthin K (Rus))

(STROPHANTHIN, eff.

on exper. coronary dis. (Rus))

(CARDIAC GLYCOSIDES, eff.

erysimine on exper. coronary dis. (Rus))

KOROGODINA, Yu.V.; SELAVRI, T.V.

On dithazanine toxicology. Med.paraz.i paraz.bul. 29 no.6:650-
654 '60. (MIRA 14:2)

1. Iz otdela gel'mintologii Instituta meditsinskoy parazitologii
i tropicheskoy meditsiny imeni Ye.I. Martsinovskogo Ministerstva
zdravookhraneniya SSSR (dir. instituta - prof. P.G. Sergiyev,
zav. otdelom - prof. V.P. Pod'yapol'skaya).
(ANTHELMINTICS) (CARBOCYANINE IODIN:)

GLAZOV, I., inzh.; SELAVRI, V., inzh.; KALININ, Yu., inzh. (Saratov)

This is dangerous! Okhr.truda i sots.strakh. no.9:59-60
S '59. MIRa 13:1
(Building--Safety measures)

NAYDENKO, I.K.; SELAVRI, V.V.

Prospects for the use of "plastic" concrete based on a furfural-
acetone monomer in hydraulic structures of seaports. Gidrotekhnika
no.2:145-146 '62. (MIRA 16:5)
(Plastics) (Hydraulic structures)

SEL'BERS, A.

Elementary proof of the asymptotic distribution law of prime numbers.
Mat. pros. no.1:211-213 '57. (MIRA 11:7)
(Numbers, Prime)

YUGOSLAVIA

SELEA, Jasmina; Dermatovenereologic Clinic Medical Faculty of
University (Dermatoveneroloska klinika Medicinskog Fakulteta Univerziteta)
Head (Upravnik) Prof Dr Slobodan PERISIC, Belgrade.

"Nail Changes in Epidemic Hepatitis."

Belgrade, Srpski Arhiv za Tselokupno Lekarstvo, Vol. 93, No 4, Apr 1965;
pp 413-414.

Abstract [German summary modified]: Report on severe degenerative changes
of nails of the fingers and toes in an 11 year old girl, 3 months
following recovery from infectious hepatitis and attributed to sequelae
from this disease. Case report, 1 Yugoslav and 3 Western references;
manuscript received 18 Nov 64.

VLASOV, V.A.; ZYSIN, Yu.A.; KIRIN, I.S.; LBOV, A.A.; OSEYAYEVA,
L.I.; SEL'CHENKOV, L.I.

[Yield of certain fragments in Th^{232} fission by 14.3 Mev.
neutrons] Vykhody nekotorykh oskolkov pri razlenenii Th^{232}
neitronami s energiei 14,3 mev. Moskva, Glav. upr. po is-
pol'zovaniyu atomnoi energii pri Sovete Ministrov SSSR,
1960. 11 p. (MIRA 17:4)

S/089/60/008/04/05/009
B113/B017

AUTHORS: Kysin, Yu. A., Kovrizhnykh, A. A., Labov, A. A.,
Bel'chenkov, L. I.

TITLE: Cross Section of the Reaction $\text{Th}^{232} + n, 2n \rightarrow \text{Th}^{231}$ With
Neutrons of the Energy 14.7 Mev ¹⁹

PERIODICAL: ¹⁹Atomnaya energiya, 1960, Vol. 8, No. 4, pp. 360-361

TEXT: The cross section was determined by a method which is based on the activity of Th^{231} and the fission fragments Mo^{99} and Ba^{140} . The method has been described in a paper by G. P. Antropov et al. in Atomnaya energiya, 1958, Vol. 5, No. 4, p. 456. 14.7-Mev-neutrons were obtained by means of a low-voltage linear accelerator from the reaction $\text{D}(\text{T}, \text{n})\text{He}^4$. Mixture irradiated: $\text{Th}(\text{NO}_3)_4 \cdot 4 \text{H}_2\text{O}$, U_3O_8 . Six irradiations were made, the irradiation lasting from three to eleven hours, the total neutron emission of the individual samples was at $(2 \div 6) \cdot 10^{14}$ n. According to a

✓ B

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Cross Section of the Reaction $\text{Th}^{232}(n, 2n) \text{Th}^{231}$ S/089/60/008/04/05/009
With Neutrons of the Energy 14.7 Mev B113/B017

formula given, the reaction cross section of $\text{Th}^{232}(n, 2n) \text{Th}^{231}$ with
14.7-Mev-neutrons is found to be $\sigma_{n,2n}^{\text{Th}} = (0.65 \pm 0.15)$ barn. The authors
thank K. A. Vlasov, A. S. Kovaldov, V. M. Lartsev, V. R. Nagina,
N. D. Osyayev for their assistance.

✓B

SUBMITTED: October 21, 1959

Card 2/2

SEL'CHENKOV, L. I.

32985

S/641/61/000/000/015/033
B104/B102

24.6600
AUTHORS:

Vlasov, V. A., Zysin, Yu. A., Kirin, I. S., Lbov, A. A.,
Ogayeva, L. I., Sel'chenkov, L. I.

TITLE:

Yields of some fragments in Th^{232} fission by 14.3 Mev neutrons

SOURCE:

Krupchitskiy, P. A., ed. Neytonnaya fizika; sbornik statey.
Moscow, 1961, 235-240

TEXT: The yields of Ca^{73} , Br^{83} , Sr^{89} , Y^{91} , Zr^{95} , Mo^{99} , Ag^{111} , Cd^{115} , Te^{123} , Te^{132} , and Ce^{141} fragments produced in Th^{232} fission were studied by radiochemical methods. The 14.3 Mev neutrons were obtained from $\text{D}(\text{T}, \text{n})\text{He}^4$ reactions, the deuterons of ~ 150 kev were obtained from a low-voltage linear accelerator. The specimens were irradiated with a neutron flux of approximately $(0.7-2) \cdot 10^8$ neutr/cm²-sec for 5-25 hr. The hermetically sealed cylindrical containers contained up to 90 g $\text{Th}(\text{NO}_3)_4 \cdot 4\text{H}_2\text{O}$. The irradiated thorium nitrate was dissolved in water. From this solution the fission fragments were isolated by four different methods and identified by measuring their β -activity. The absolute fragment yield was determined
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32988

S/641/61/000/000/015/033
B104/B102

Yields of some fragments in ...

by a method in which the sum of the relative yields of all fission fragments obtained by interpolation of their mass distribution curves was equated to 200%. In this case triple fissions are assumed to be negligible. The results are summarized in Table 2. A comparison with the results obtained by A. Turkevich (Phys. Rev., 84, 52 (1951); Phys. Rev., 89, 552 (1953)) shows that with increasing neutron energy the fragment yields in symmetrical fission increase. The authors thank K. N. Borozdina, A. S. Kovaldov, V. K. Lartsev, N. D. Osyayev, E. V. Plyusnina and R. N. Sorokina for their help with these studies. There are 1 figure, 3 tables, and 10 references: 3 Soviet and 7 non-Soviet. The four most recent references to English-language publications read as follows: Katcoff S., Nucleonics, 16, 4, 78 (1958); Steinberg E. P., Glendenin L. E., report no. 614, held at the First International Conference on the Peaceful Uses of Atomic Energy, Geneva 1958; Strominger D., Hollander J. M., Seaborg G. T., Rev. Mod. Phys., 29, 585 (1958); Leachman R., report no. 2467, held at the Second International Conference on the Peaceful Uses of Atomic Energy, Geneva, 1958.

Table 2. Fragment yields in 14.3-Mev neutron induced Th^{232} fission.
Legend: (1) isotope measured, (2) relative yield, (3) absolute yield, in %

Card 2/2

S/186,62/004/002/005/010
E075/E136

AUTHORS: Zagray, V.D., and Sel'chenkov, L.I.

TITLE: Chromatographic separation of microgram quantities
of neptunium and plutonium on cation-exchangers
KY-1 (KU-1) and KY-2 (KU-2)

PERIODICAL: Radiokhimiya, v.4, no.2, 1962, 181-184

TEXT: The object of the work was to develop a method of chromatographic separation of Np-237 and Pu-239 using Soviet cation exchangers. The experiments were carried out by reducing a cation-exchanger (0.5 g) with SO₂ in 0.25 N HCl containing a known amount of Np and Pu. The filtered resin was placed in a column and eluted with 0.02 N HF. The method developed gave the separation coefficient $\geq 10^3$. Np and Pu could be isolated from their mixtures in $98 \pm 2\%$ purity. Conditions for the quantitative sorption of Np on the resins were found and distribution coefficients for Np and Pu on resin KU-1 were determined for HF solutions of various concentrations. Np was eluted with 0.02 N HF and Pu with 0.5 N HF. It was found that

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Chromatographic separation of ...

S/186,62/004/002/005/010
E075/1.136

the resin used (0.3-0.4 mm) was too coarse for small chromatographic columns. Consequently the experiments were conducted under conditions in which equilibrium could not be reached. The authors concluded that the use of a more finely divided resin would lead to the elution under equilibrium conditions.

There are 3 figures and 4 tables.

SUBMITTED: August 22, 1960

Card 2/2

AM4027870

BOOK EXPLOITATION

S/

Zy*sin, YU. A.; Lbov, A. A.; Sel'chenkov, L. I.

Fission yields and their mass distribution; a manual (Vy*khody* produktov deleniya i ikh raspredeleniye po massam; spravochnik). Moscow, Gosatomizdat, '63. 0117 p. illus., biblio., tables. 3,500 copies printed.

TOPIC TAGS: nuclear fission, fission fragments, fission fragment yield, fission fragment mass distribution, asymmetric fission, fine structure, excitation energy, fission induced by Gamma rays, fission induced by charged particles, decay chain;

PURPOSE AND COVERAGE: This manual gathers together and generalizes extensive experimental material on yields of fission products and the mass distribution of fission fragments accumulated from 1939 through 1962. It covers nuclear fission induced by neutrons, γ rays, charged particles of excitation energy up to 100 MeV, and spontaneous fission. The data on the fission product yields are tabulated. Some general conclusions are drawn concerning the laws governing the mass distribution of fission fragments. The book is intended for engineering-physicists, scientific workers, and engineers working in the field of nuclear engineering and nuclear physics.

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AM4027870

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SUB CODE: PH, NS

SUBMITTED: 01Aug63

NR REF SOV: 049

OTHER: 194

DATE ACQ: 20Mar64

Card

2/2

SEL'CHENOK V.P.

99-58-6-6/11

AUTHORS: Drozd, P.A., Candidate of Technical Sciences, Sel'chenok,
V.P. and Ruban, A.P., Engineers

TITLE: Peculiarities in Projecting Dam Aprons of Lower-Head
Structures Built on Laminary Soils (Nekotoryye osobennosti
proyektirovaniya flyutbetov nizkonapornykh sooruzheniy na
sloistykh gruntakh)

PERIODICAL: Gidrotekhnika i Melioratsiya, 1958, Nr 6, pp 40-46 (USSR)

ABSTRACT: The author states that the existence of an easily permeable
soil under one with even greater water permeability represents
a considerable danger to the stability of foundations and
structures. Under such circumstances the laminae have to be
considered even in cases of little correlation of the filtra-
tion coefficients $\eta = 5-7$, since the discharge gradients might
grow by 2 to 3 times and the filtration pressure by 1.2 to
1.5 times. An increase of the coefficient of the laminae
 $\eta = \frac{k_2}{k_1}$ sharply reduces the efficiency of sheet piles in

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alleviating the pressure. The loss of pressure is mainly
observed in the upper layer of the soil. In case of $\eta > 30$ the

99-58-6-6/11

Peculiarities in Projecting Dam Aprons of Lower-Head Structures
Built on Laminary Soils

size of the subsurface structures might be reduced to a minimum. The loss of pressure concentrated on the upstream floor section increases the importance of the latter and its connection with the soil foundation and the spillway bucket. This is especially important if the upper layer has a small capacity so that the spillway bucket of the apron cuts right through it (Figure 1,a). Calculations of the filtration and projections of subsurface retaining structures need not necessarily include the laminae, if the capacity of the upper layer has a small coefficient of filtration $T \gg S_1$ (S_1 - the length of the biggest sheet pile). A coefficient of 1.2 to 1.5 proved to be the best for the filtration pressure in the spillway bucket of the aprons. According to figure 5, correction factors might be used for the filtration gradients. It is possible to reduce the filtration pressure and the discharge gradients by replacing the upper layer with bedding soils or more permeable soils, within the range of the whole erosion control section. There are five figures, two tables and three Soviet references.

1. Soils-Water permeability

Card 2/2

SEL'CHENOK, V.P.

Characteristics of the operation of a sand embankment on peat ground. Dokl. AN BSSR 9 no.3:187-189 1tr '65.

(MIRA 18:6)

1. Belorusskiy nauchno-issledovatel'skiy institut melioratsii i vodnogo khozyaystva.

SELCITEROVA, H.

SELIC, T.

BIRTH (in case); Given Name

Country: Czechoslovakia

Academic Degree: /not given/

Affiliation: Cabinet of Geomorphology (Kabinet pro geomorfologii), GSNV
/Czechoslovak Academy of Sciences, Academy of Sciences,
Brno.

Source: Prace, Věstník zemědělské školy Geologie, no. Vol 247,
no 2, 1961, pp 247-250.

Area: "Preliminary report on the river erosion of river channels
and loesses in the northern part of the Czech Republic"

Co-authors:

DRSK, J., /not given/

DRSK, J., /not given/

DRSK, J., /not given/

NO. 17-8, 65.

World Information Station. Inc. 17-8, 65. (Suppl. Mechan. 17-8, 65.)

SEL'DIN, B.N.

Successful use of numerous repeated bloodlettings and subsequent blood transfusions in septic postabortion anuria with uremia.
Vop. okh. mat. i det. 6 no.11:84-85 N '61. (MIRA 14:12)

1. Iz kafedry akusherstva i ginekologii (zav. - chlen-korrespondent AMN SSSR prof. L.S.Persianinov) II Moskovskogo meditsinskogo instituta i Gorodskoy klinicheskoy bol'nitsy No.1 imeni N.I.Pirogova (glavnyy vrach - zasluzhennyy vrach RSFSR L.D.Chernyshev).
(ABORTION__COMPLICATIONS AND SEQUELAE) (UREMIA)
(BLOOD__TRANSFUSION) (URINE__SUPPRESSION)

SEL'DIN, B. N.

Case history of cervical pregnancy. Akush. i gin. no.2:102-103
'62. (MIRA 15:6)

1. Iz Gorodskoy klinicheskoy bol'nitsy No. 1 imeni N. I. Pirogova
(glavnyy vrach L. D. Chernyshev) i kafedry akusherstva i gineko-
logii (zav. chlen-korrespondent AMN SSSR prof. L. S.
Persianinov) II Moskovskogo meditsinskogo instituta imeni N. I.
Pirogova.

(PREGNANCY, EXTRA-UTERINE)

NESENOLUK, A.F.; ZEMAKIN, N.I.; SEL'DIN, M.I., tech., retsenzent;
SMOL'NIY, A.M., inzh., retsenzent; GLUKHOV, B.F., kand.
tekhn. nauk, retsenzent; STEPANCHUK, V.F., kand. tekhn.
nauk, retsenzent; VEYNIK, A.I., prof., red.

[Course design of industrial boiler systems] Kursovoe proek-
tirovanie kotel'nykh ust'anovok promyshlennykh kotel'nykh.
Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i pro-
fessional'nogo obrazovaniia BSSR, 1963. 103 p.

(RINA 13:1)

SOKOLOVA, N.M.; TURBINA, I.L.; SEL'DOVICH, I.R.

Content of vitamin B₁₂ in the blood of patients with malignant tumors. Vop. onk. 11 no.9:36-42 '65. (MIRA 18:9)

1. Iz III khirurgicheskogo otdeleniya (zav. - prof. V.P.Tobilevich) i kliniko-diagnosticheskoy laboratorii (zav. - dotsent I.F. Grekh) Instituta onkologii AN SSSR (dir.- deystvitel'nyy chlen AN SSSR prof. A.I.Serebrov).

SMOLYAK, V.A., kand.tekhn.nauk; YASHIN, Yu.F., inzh.; UZLYUK, V.N., inzh.;
Prinimali uchastiye: BALYUK, F.B.; KONOVALOV, M.S.; SEL'DYAKOV,
M.I.; TREGUB, N.G.; POLOVCHENKO, Yt.I.; KHODOROVSKIY, S.S.;
CHERNYY, A.A.; YEVSEYEV, A.N.; KOVALENKO, I.A.

Radiometric investigation of blast furnace tuyere zones. Stal'
21 no.9:777-782 S '61. (MIRA 14:9)

1. Dneprodzerzhinskiy metallurgicheskii zavod-vtuz i Zavod im.
Dzerzhinskogo.

(Blast furnaces)

L 06173-67 EWI(d)/EWI(m)/EWP(v)/LWP(k)/EWP(h)/EWI(l) IJP(c)
 ACC FIRM AP6032410 SOURCE CODE: UR/0089/66/021/003/0223/0224

AUTHOR: Matveyev, V. V.; Sel'dyakov, Yu. P.; Sokolov, A. D.

ORG: none

TITLE: The first domestic industrial apparatuses with semiconductor electron-hole detectors

SOURCE: Atomnaya energiya, v. 21, no. 3, 1966, 223-224

TOPIC TAGS: detection equipment, detection system, particle beam, nuclear physics apparatus, *ELECTRON HOLE, SEMICONDUCTOR DEVICE, ALPHA PARTICLE DETECTOR, ALPHA SPECTRUM*

ABSTRACT: The development of a system of detecting devices using semiconductors is reported. The system designated 9063-02 ("Amur 1") includes the following units: 1) The 6065-02 detecting unit designed for precise spectrometric measurements of α -particle flux for energies up to 5 Mev. The resolution of the unit is 1% and its size is 190 x 220 x 168 mm. 2) The 6965-01 all-purpose detecting unit which makes spectrometric measurements of α -particle flux with 1-3% resolution for energies of 5 Mev. Dimensions of the unit are 90 x 76 x 100 mm. 3) The 6465-01 detecting unit, which registers α -particles from open surfaces. Its resolution for α -particles with energies of 5 Mev is 13%. The unit can be used for determining the degree of contamination by α -radiating isotopes. It is 42 mm in diameter and 80 mm high. 4) The 6845-01 detecting unit which registers thermal neutrons with 0.1% efficiency; its diameter is 42 mm, and its height, 80 mm. 5) The 514-05 preamplifier which provides three

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L 06173-67

ACC Nr: AP6032410

amplification ranges corresponding to energies of 0—10, 0—30, and 0—100 Mev. When the device operates at 0—10 Mev, the equivalent noise level does not exceed 10 kev and its sensitivity is 2×10^{12} /coul. 6) The amplifier blocks which includes a 514-03 amplifier, a 503-68 supply voltage indicator and BN-40 and BN-34 power supplies. 2

SUB CCDE: 18,20/ SUBM DATE: none

Card 2/2 *SA*

L 34887-65 EWT(1)/EWA(h) Feb
ACCESSION NR: AT5004676

S/ 3128/64/000/001/0169/0174

AUTHORS: Kuznetsov, K. F.; Sel'dyakova, N. A.; Petrova, L. F. 19 BH

TITLE: Multichannel pulse-supply source for transfluxor circuits

SOURCE: Yadernoye priborostroyeniye, nauchno-tekhnicheskiy sbornik, no. 1, 1964, 169-174

TOPIC TAGS: pulse generator, multichannel pulse generator, transfluxor, transfluxor circuit supply

ABSTRACT: The article describes a pulse generator satisfying the following requirements: (1) The current pulse duration must exceed the transfluxor switching time, and must be variable in the range from 1 to 5 μ sec. (2) The rise time of the current pulses should be lower than the switching time of the transfluxor by 3-5 times. (3) The output impedance of the current generator must be one order of magnitude larger than the maximum value of the dynamic impedance

Card 1/4

L 34887-65

ACCESSION NR: AT5004676

0

of the transfluxor when a switching pulse is applied to it. (4) The leading-front overshoot should not exceed the maximum pulse amplitude by more than 7%. (5) The maximum pulse amplitude must be sufficient to saturate the entire transfluxor material. A current generator satisfying these requirements makes it possible to investigate the static and dynamic characteristics of transfluxor with sufficient degree of accuracy. Such a generator is illustrated in Fig. 1 of the enclosure. Detailed descriptions are presented of the current-generator channels, of the setting units, and of some of the individual blocks making up the generator. Each of the four independent generator outputs delivers a current pulse of arbitrary polarity, with a duration that can assume values of 1, 2, 3, 4, and 5 μsec . The pulse repetition frequency can be smoothly regulated between 10 and 30 kcs. The pulse amplitude at the output of each channel is 2 amp into a load varying from 0 to 100 ohm with accuracy $\pm 10\%$. The active duration of the leading front of the current pulse is lower than 0.1 μsec , and the active duration of the trailing front

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L 34887-65

ACCESSION NR: AT5004676

of the pulse does not exceed 0.5 μ sec. Orig. rt. has: 4 figures
and 1 table.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 01

SUB CODE: EC

NR REF SOV: 000

OTHER: 000

Card 3/4